CAM LINE
USER TRAINING GUIDE

CAM Software v5.0

Includes…

1. CAM QUICK START GUIDES
2. CAM USER TRAINING GUIDE v5.0
3. WARRANTY INFORMATION
4. SOFTWARE CD AND RESTORE CD

Vision Controls Corporation
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Hartland, WI 53029

Technical Support: 262.369.8798
Sales & Service: 262.369.8797
eFAX: 312.602.1356 www.visioncontrols.net

Software CD Enclosed:

1. **QUICK START GUIDES**
    a. **Cube Chassis**
    b. **MidTower Chassis**
    c. **Rackmount Chassis**

2. **USER TRAINING GUIDE**

3. **REMOTE USER TRAINING GUIDE**

4. **COMPLETE USER MANUAL**

5. **2007 WARRANTY INFORMATION**

6. **SOFTWARE SETUP FILES**

RESTORE DISK

This disk will reinstall all of the original software.

To use this disk insert it into the DVD drive and reboot PC.

Only use this disk…

- **In the event of an OS drive failure.**

Or

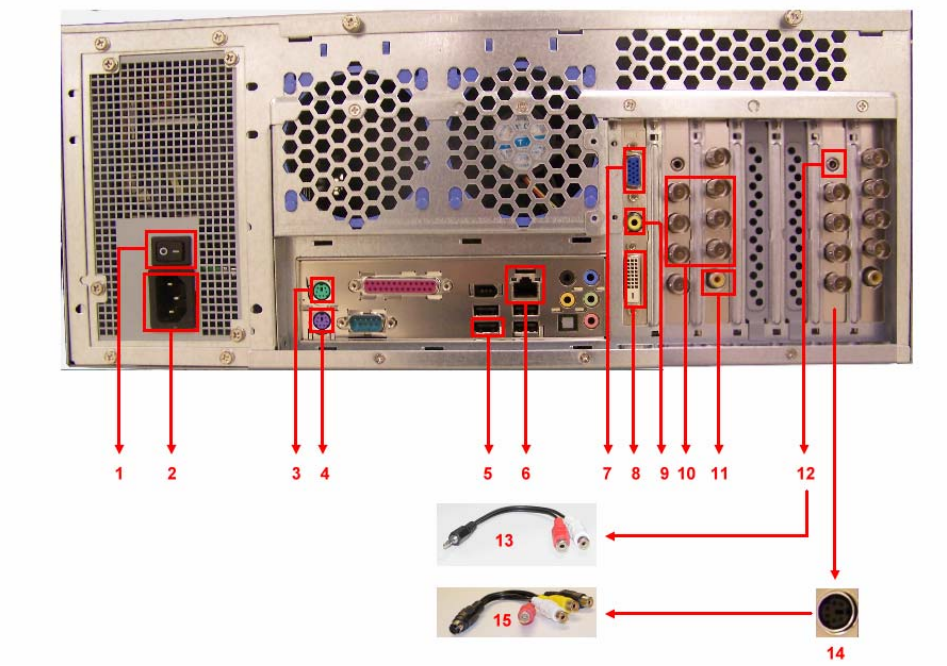
- **The PC cannot boot into Windows.**

Warning: Using this disk will completely erase everything currently on the OS drive.
(All video files on the storage drives will not be affected)

For any problems call Vision Controls support at 262-369-8798

CAM Rackmount

Hardware Setup



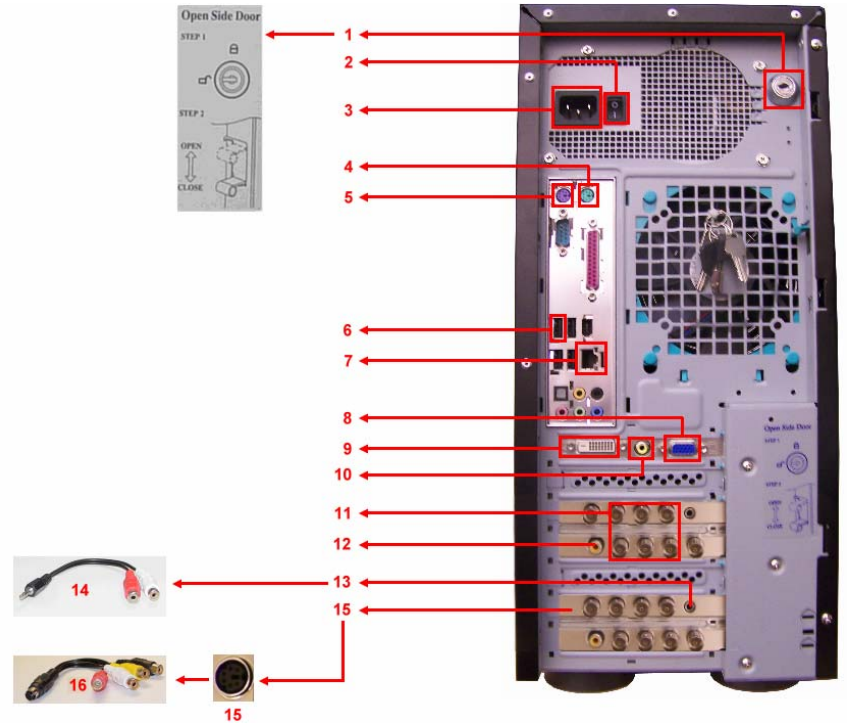
1	Power Switch	9	Composite Video Output
2	AC Power Socket	10	BNC Camera Inputs
3	PS/2 Mouse Port	11	Composite Video Loopout (SS Only)
4	PS/2 Keyboard	12	Audio Input (SS Only)
5	USB Port	13	Audio Dongle (SS Only)
6	RJ-45 Ethernet Port	14	Audio Input (MP Only)
7	VGA Monitor Output	15	Audio Dongle (MP Only)
8	DVI Video Output		

Quick Setup Instructions:

- **Connect the power cord to the AC power socket (1)**
- **Connect the keyboard and mouse to the correct ports (3) (4)**
- **Connect the ethernet cable if necessary (6)**
- **Connect the monitor(s) to the corresponding port(s) (7) (9)**
- **Connect the camera(s) to the BNC Camera Inputs (12)**
  Camera 1 is located in the lower left camera inputs are ordered bottom to top (SS only).
  Camera 1 is located in the upper left camera inputs are ordered top to bottom (MP only).
- **Make sure the power switch is in the on position I (2)**
- **Press the toggle power button located on the front of the DVR**
- **All camera(s) should display on the monitor after booting**

CAM Tower

Hardware Setup



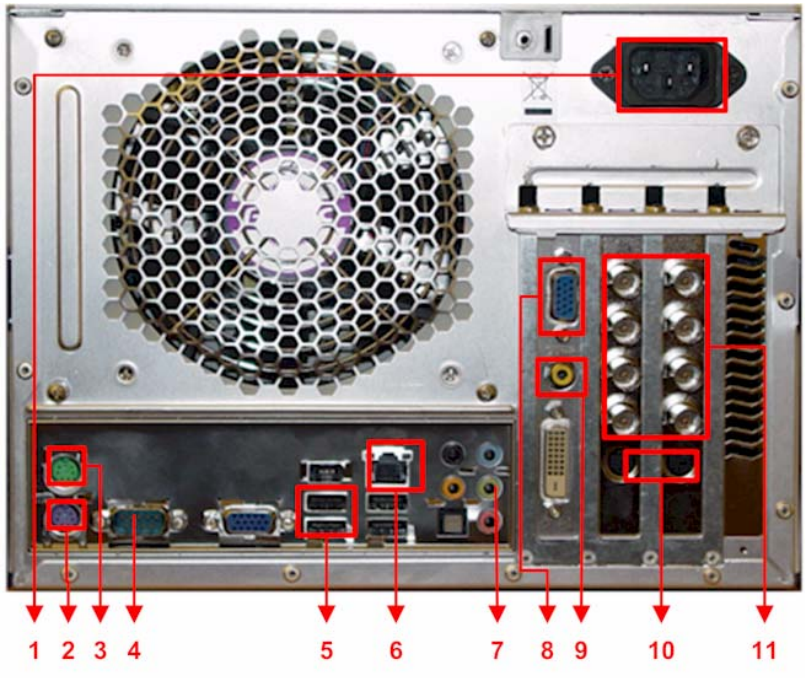
1	Side Door Latch	9	DVI Video Output
2	Power Switch	10	Composite Video Output
3	AC Power Socket	11	BNC Camera Inputs
4	PS/2 Mouse Port	12	Composite Video Loopout (SS Only)
5	PS/2 Keyboard	13	Audio Input (SS Only)
6	USB Port	14	Audio Dongle (SS Only)
7	RJ-45 Ethernet Port	15	Audio Input (MP Only)
8	VGA Monitor Output	16	Audio Dongle (MP Only)

Quick Setup Instructions:

- **Connect the power cord to the AC power socket (3)**
- **Connect the keyboard and mouse to the correct ports (4) (5)**
- **Connect the ethernet cable if necessary (8)**
- **Connect the monitor(s) to the corresponding port(s) (10) (11)**
- **Connect the camera(s) to the BNC Camera Inputs (13)**
  Camera 1 is located in the upper left camera inputs are ordered left to right (SS Only).
  Camera 1 is located in the upper right camera inputs are ordered right to left (MP Only).
- **Make sure the power switch is in the on position I (2)**
- **Press the toggle power button located on the front of the DVR**
- **All camera(s) should display on the monitor after booting**

CAM Cube

Hardware Setup

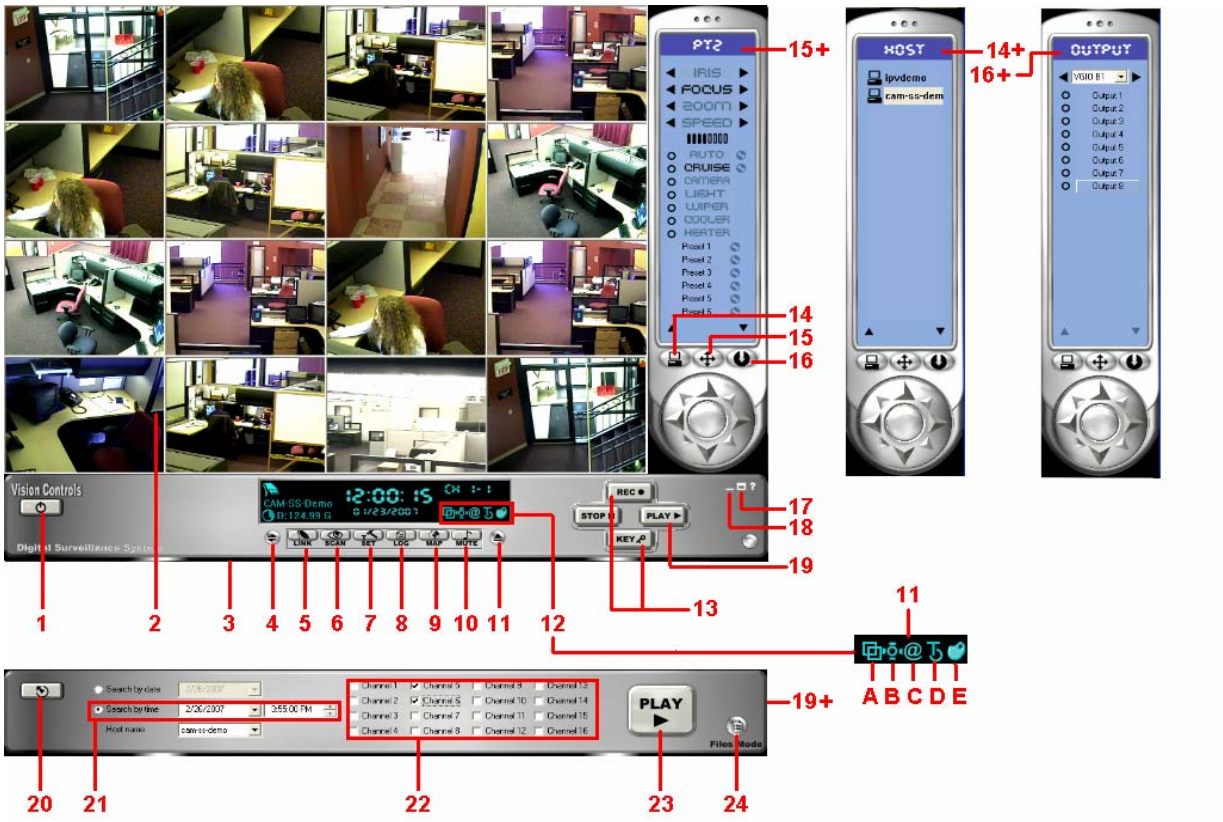


1	AC Power Socket	7	Speaker Output
2	PS/2 Keyboard	8	VGA Monitor Output
3	PS/2 Mouse	9	Composite Video Output
4	Serial Port	10	Camera Audio Inputs
5	USB Ports	11	BNC Camera Inputs
6	RJ-45 Ethernet Port		

Quick Setup Instructions:

- **Connect the power cord to the AC power socket (1)**
- **Connect the keyboard and mouse to the correct ports (2) (3)**
- **Connect the ethernet cable if necessary (6)**
- **Connect the monitor(s) to the corresponding port(s) (8) (9)**
- **Connect the camera(s) to the BNC Camera Inputs (11)**
  Camera 1 is located in the lower left camera inputs are ordered bottom to top.
- **Press the power button located on the front of the cube**
- **All camera(s) should display on the monitor after booting**

QUICK START GUIDE



1 Exit the Cam SS Software

2 Camera (live display)

3 Display panel (displays system information)

4 Display/Hide the control panel (14+ 15+ 16+)

5 Link: Connect to remote Cam SS Servers

6 Scan: Auto cycles through cameras full

7 screen

8 Set: System setup tab

9 Log: Displays alarm log and user log

10 Map: Displays cad bmp of building w/

11 cameras

Mute: Mutes all sound playing on the system

12 Opens/Closes the VGZ panel this will reveal buttons (5 6 7 8 9 and 10)

A: Unmask: Removes all masks from camera
B: Snapshot: Takes a bmp image of camera
C: Caption: Turns the date/time stamp on/off
D: Text: Changes the color of the caption
E: Video Config: Adjust camera settings

13 Start/Stop rec on all Cameras

Key: Logout of Cam SS

14 Displays the Host panel (14+)

15 Displays the PTZ panel (15+)

16 Displays the I/O panel (16+)

17 Maximizes Cam SS

18 Minimizes Cam SS

19 Playback Menu (19+)

20 Return to main menu

21 Search by date and time

22 Camera select for search (up to 4)

23 Playback selected video

24 View video, clips, and snapshots in file explorer mode.

CAM Line User Training Guide v5.0

User Controls

Admin Controls

Playback Controls

Burning a CD

User Controls – Status Panel

Min Max: Minimizes and maximizes the application

Rec: Starts recording on all cameras

Play: Review recorded video

Stop: Stops recording on all cameras

Key: Logs the current user out

Power: Exit application, stop recording

Status Panel

Computer name and active drive with available space

Unmask: Removes all motion masks

Snapshot: Takes a picture of the current frame

Text: Turns the date/time stamp on/off

Text Color: changes the color of the text

Video Config: Adjust live view and recorded video brightness, contrast, saturation, and hue

Playback – Preview Method

Right Click

Preview: Right clicking on any live video will display the preview menu. This allows a user to quickly retrieve up to the last 99 minutes of video on the selected camera

Playback – Player Controls

Scroll Bar: This bar is used to quickly scroll through video

Power: Exits the player application

Play: Controls the speed and starts playback of paused video

Skip Prev: Takes the user back to the previous keyframe

Frame Prev: Takes the user back to the previous frame

Frame Next: Takes the user to the next frame

Skip Next: Takes the user to the next keyframe

Advance: Clicking this will open additional player controls.

Stop: Stops playback

Pause: Pauses playback

Zoom In / Out: Resizes the player

Start Clip: Clicking this will place a marker to begin the clip

End Clip: Clicking this will place a marker to end the clip

Save Clip: Clicking this will save the the marked clip

Replay Clip: Clicking this will replay the previously created clip

Snapshot: Takes a live snapshot of the current frame

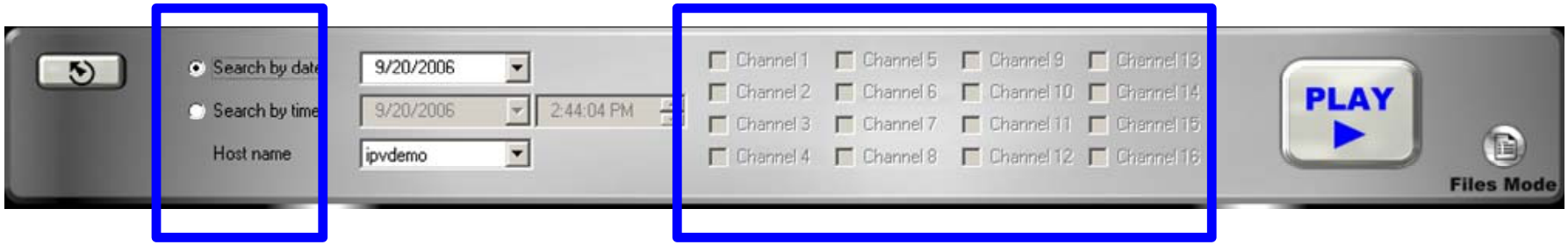
Text: Turns the camera name date / time stamp on / off

Text Color: Changes the color of the text

Burn: Burns the current video and DVR Player .EXE file to a CD/DVD

Playback – Search Method

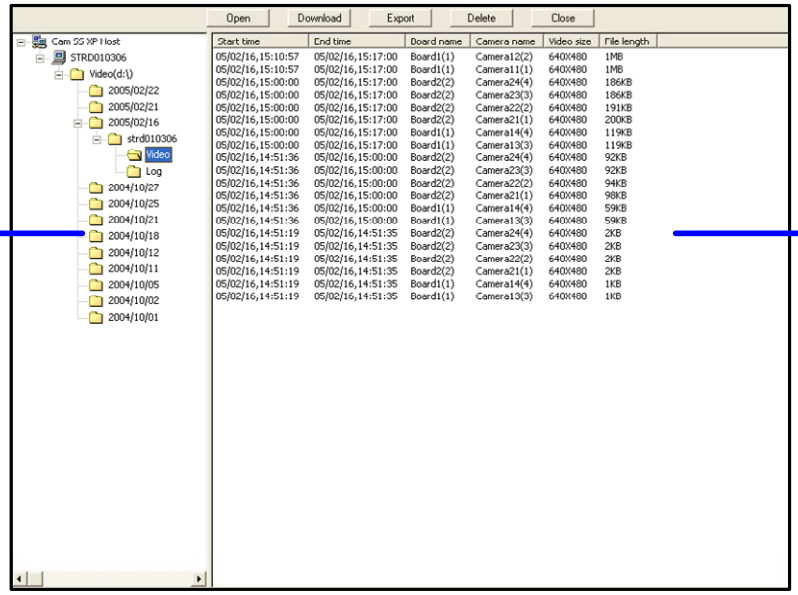
Search by Date: Return the earliest video on the specified date for selected channels



Search by Time: Return video from the specified date and time for the selected channels

Channel Select: Select up to 4 cameras for simultaneous playback

Playback – File Method



Tree View: Navigate the tree structure to find the file for the desired video.

Camera Files: Each camera has associated files to hold the recorded video

Open: This button plays back the selected video file

Download: This button downloads the selected video file from a remote DVR to the local computer

Export: This button copies the selected video file to another location

Delete: This button deletes the selected video file

Close: This button closes the window and returns to the playback view

User Controls – Function & Control Panels

Function Panel

Control Panel: Opens and closes access to the control panel

Link: Connects to servers listed in the address book

Scan: Enables and disables auto-scaning between cameras

Set: Administration and configuration settings

Log: Display the alarm and event logs

Map: Opens up an interactive e-map with camera positions and current state

Mute: Mutes any sounds playing within the application

Function Panel: Opens and closes the Function Panel

Control Panel

Host Panel:

Double-click a DVR name to view live video from its cameras

My Channels:

Double-click a custom view to switch between

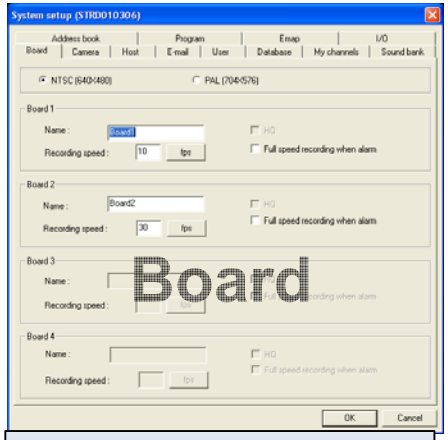
PTZ Panel:

Use this panel to control PTZ cameras

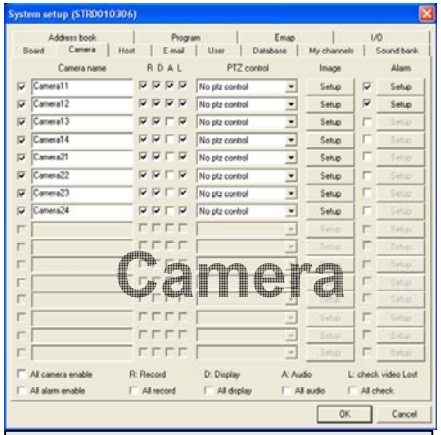
Output Panel:

Use this panel to see or manually trigger active outputs

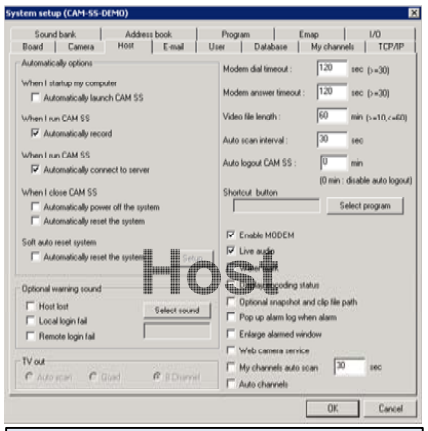
Admin Setup – Quick Reference



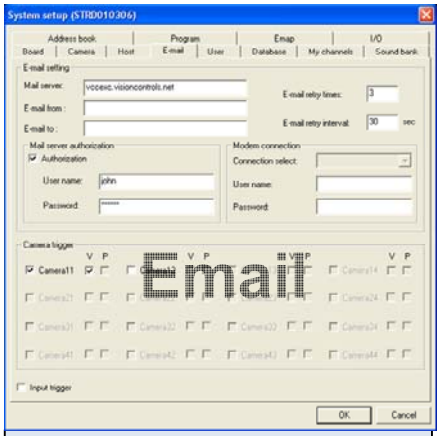
Board: Configure board names and recording speed



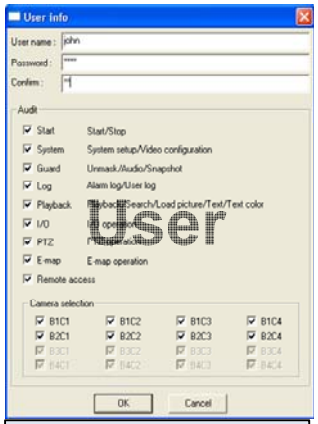
Camera: Configure camera names, image quality, and camera alarms



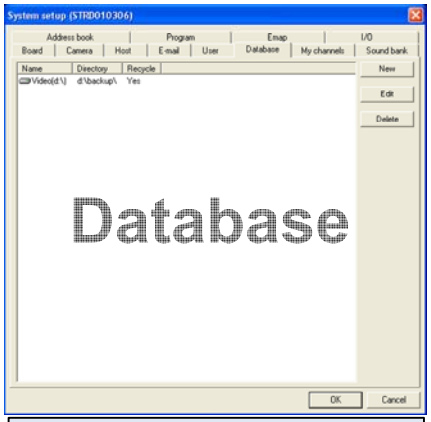
Host: Configure base system settings, video file length and additional features



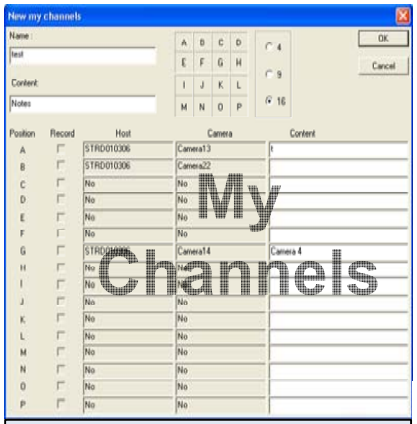
E-Mail: Configure email alarms



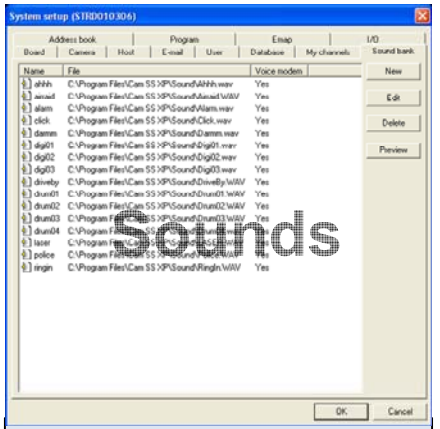
User: Configure users and security access



Database: Configure location for storage of video

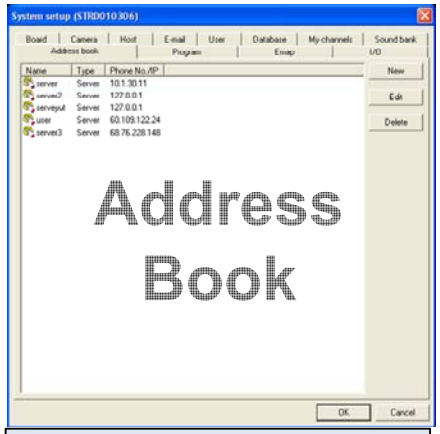


My Channels: Defines multi-camera multi-DVR display on remote client

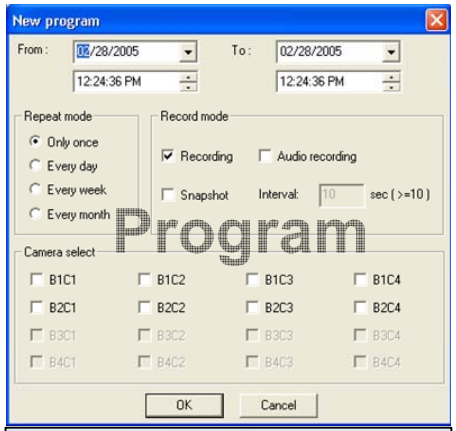


Sound Bank: Sound files used within the system for notifications.

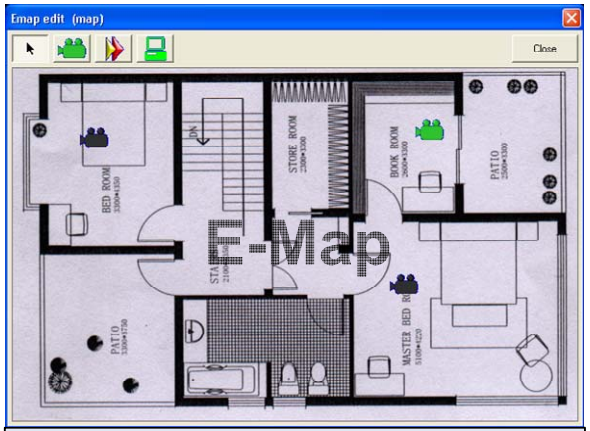
Admin Setup – Quick Reference



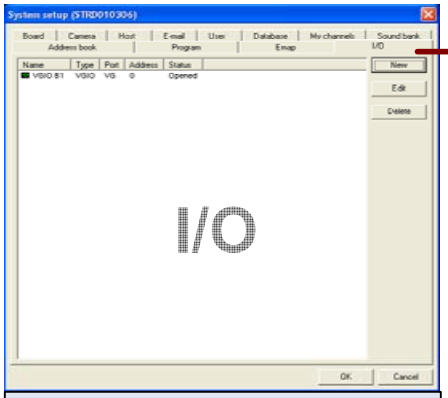
Address Book: Configure servers and remote connections used in the system



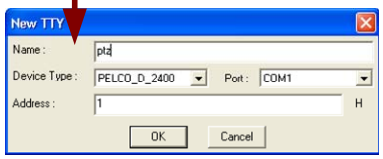
Program: Schedule alarms and recording needs



E-map: Control camera positions and map DVR linking for an interactive camera-selection map



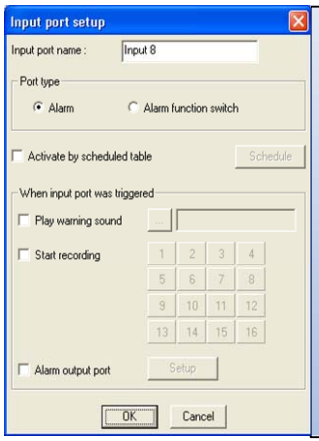
I/O: Setup I/O configuration



New TTY: Create new PTZ controls

Edit TTY:

Select any of the inputs or outputs to edit on the DVR



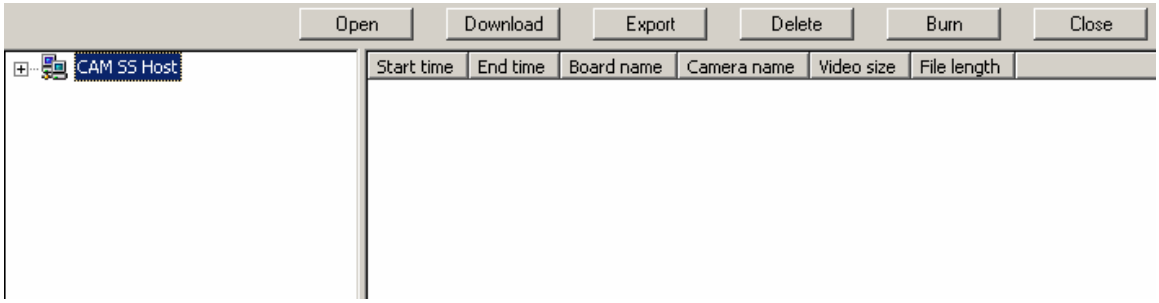
I/O Port Set:

Control settings for the individual inputs and outputs

Burning an Event to CD

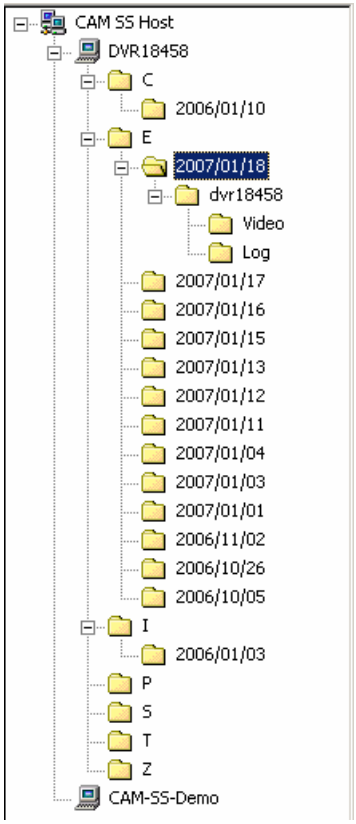
First click the "**Play**" button.

Then go to "**Files Mode**".

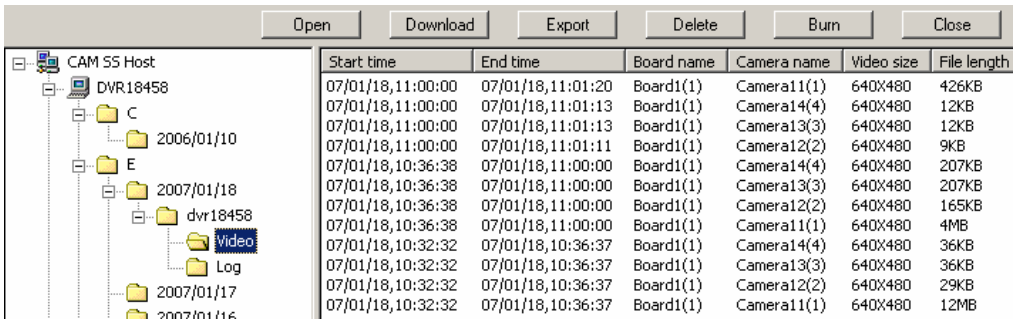


Double-click on "**CAM SS Host**".

Then **click** on the folder with the desired date (In this case 2007/01/18).

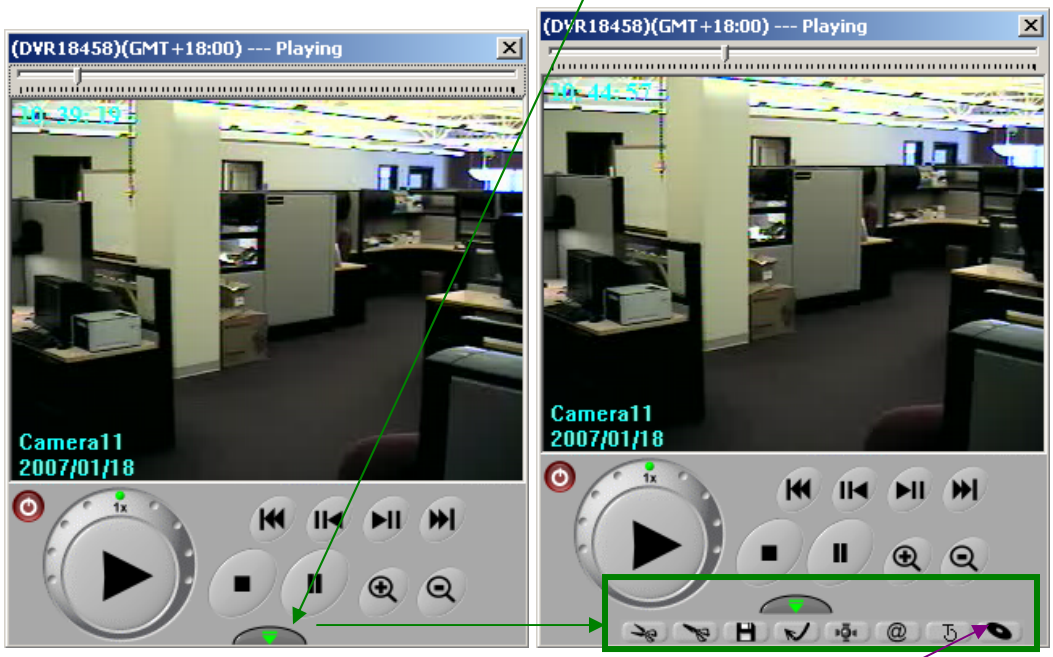


Click on the "**Video**" folder. This will populate a list of video files associated with that date.



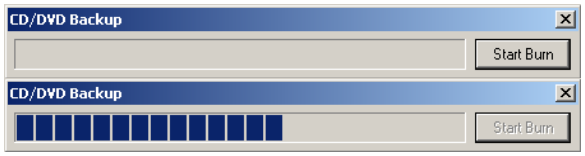
Double-click the file you wish to open and burn.

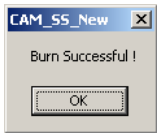
After the video opens click on the "**Advance**" button to bring up more options.



When the new options appear click on the "**Burn**" button.

Click "**Start Burn**". Doing this will burn the selected video and the DVR Player to the CD. (The DVR Player is required to view the video files).





Congratulations! You've completed the CAM User Training Guide v5.0.

Vision Controls Hardware Warranty

General Information

Vision Controls provides buyers of our products with a manufacturers' standard 1 year limited warranty as described within this document. The customer also has the option of purchasing an extended warranty. During its duration this warranty covers parts and service related labor (freight is not included). After this duration, the buyer assumes all part, labor and shipment costs. (Vision Controls offers service contracts for additional technical support and support services. Contact your Vision Controls Media Specialist for service contract information and terms.)

Limited Warranty Terms

Vision Controls manufactures its products from new hardware components in accordance with industrystandard practices. Vision Controls warrants its manufactured products against hardware defects and workmanship. Vision Controls warrants its products for a limited, 1 year term beginning on the date of invoice. This warranty covers against damage due to shipping the products to the customer. However, this warranty does not cover damage due to external causes, including accident, abuse, misuse, variations or problems with electrical power, natural disasters, servicing not authorized by Vision Controls Corporation, usage not in accordance with product literature, failure to perform required preventative maintenance, problems caused by third-party software, or problems resulting from hardware parts or components not supplied by Vision Controls.

Warranty Coverage

As stated previously, warranty coverage becomes effective on the invoice date. Vision Controls will repair or
replace products returned to our facility covered under this limited warranty. To request warranty service, customers must call Vision Controls' technical support within the warranty period to determine the appropriate action. In the event that service is required, our technical support will require the buyer to complete a Return Material
Authorization (RMA) Form. You can download this form from our website (www.visioncontrols.net). Customers must ship the products to Vision Controls in the original packaging. If the original packaging is unavailable, Vision Controls will supply the partner with the appropriate shipping container and inserts upon request for a nominal fee. Any damage caused by failure to ship the product in an authorized shipping container will not be covered under this product warranty.

The customer assumes responsibility for cost of shipping to Vision Controls. Only authorized shipment methods will be acceptable. Vision Controls is not liable for any loss of product during shipment. If authorized shipping methods are not used Vision Controls will not be held responsible for any damage caused during shipping.

The customer should note that Vision Controls uses new and reconditioned parts made by various manufacturers when performing warranty repairs and when building replacement products. In addition, the customer should also note that Vision Controls owns all parts removed from replacement or repaired products.

Extended Warranty

A one year extended warranty may purchased for select products for up to two additional years beyond the standard one year warranty. The extended warranty option covers: software maintenance, software upgrades, hardware
failure, remote pc and phone support.

The extended warranty costs $195 per system per year.

Main: (262) 369-8797…… www.visioncontrols.net

Support: (262) 369-8798…… support@visioncontrols.net

Fax: (312) 602-1356…….. info@visioncontrols.net

VISION CONTROLS CORPORATION'S MISSION STATEMENT

Vision Controls strives to be an exemplary enterprise offering unsurpassed and expedient customer service, from proposal and evaluation through installation of product, training and support.

Vision Controls "best" people, process and technology shall ever be globally attuned to the ongoing development of innovative and solutionary products and services that enable our business partners and affiliates superior spectrum marketability.

Vision Controls organization shall continue to offer its employees a visionary, creative environment second to none and will develop leaders and opportunities that benefit not only the employee but the local community, county and state in which its home office resides.

First and foremost, Vision Controls is a company that "lives" its values, being built on the solid rock foundation of biblical principals: integrity, service to mankind, philanthropic responsibility and gratitude for the blessings God has bestowed on us.

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